IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Currently Amended) An information processing apparatus comprising:

an information storage device in which a loading/ejection mechanism for a removable medium is operated according to a change in a depressed state of a switch;

a control device which records data on the removable medium and/or reads out data from the removable medium by controlling the information storage device;

a power supply device capable of performing and stopping power supply to the information storage device and to the control device;

a continuous power supply device capable of supplying power when power supply by the power supply device is stopped; and

a power supply controller which operates by being supplied with power from the continuous power supply device, and which, when the depressed state of the switch is changed during stoppage of power supply from the power supply device to the information storage device, controls the information storage device so that the removable medium loading/ejection mechanism is operated, by controlling the power supply device so that the power supply device supplies power to the information storage device or to the information storage device and the control device, wherein:

the power supply controller performs such control that in the case of ejecting the removable medium by controlling the information storage device so that the loading/ejection

mechanism is operated, the power supply controller stops power supply from the power supply device after the completion of the ejection operation, and

that, in the case of loading the removable medium by controlling the information storage device so that the loading/ejection mechanism is operated, the power supply controller does not stop power supply from the power supply device even after the completion of the loading operation.

2. (Canceled).

3. (Currently Amended) The information processing apparatus according to claim 1 ~~2~~, wherein the power supply controller performs such control that when the removable medium is ejected upon the change in the depressed state of the switch during stoppage of power supply to the information storage device, the power supply controller controls the power supply device to supply power to the information storage device,

that, when the removable medium is loaded upon the change in the depressed state of the switch during stoppage of power supply to the information storage device, the power supply controller controls the power supply device to supply power to the information storage device and to the control device,

that, in the case of ejecting the removable medium, the power supply controller controls the power supply device to stop power supply to the information storage device after the completion of the ejection operation, and

that, in the case of loading the removable medium, the power supply controller does not stop power supply from the power supply device even after the completion of the loading operation.

4. (Currently Amended) An information processing apparatus comprising:

an information storage device in which a loading/ejection mechanism for a removable medium is operated according to a change in a depressed state of a first switch;

a control device which records data on the removable medium and/or reads out data from the removable medium by controlling the information storage device;

a power supply device capable of performing and stopping power supply to the information storage device and to the control device;

a continuous power supply device capable of supplying power when power supply by the power supply device is stopped;

a power switch with which power supply to the power supply device is started and stopped, and with which, at the time of starting power supply, the control device is started up in a normal startup mode in which general-purpose processing can be performed by a user program executed on an OS; and

a power supply controller which operates by being supplied with power from the continuous power supply device, and which, when the depressed state of a second switch provided on an outer portion or an inner portion of the information storage device is changed during stoppage of power supply from the power supply device to the information storage device, controls the power supply device so that the power supply device supplies power to the

information storage device or to the information storage device and the control device, thereafter starts up the control device in an instant startup mode for reproducing or processing data in a predetermined format recorded on the removable medium, and controls the information storage device so that the removable medium loading/ejection mechanism is operated according to the change in the depressed state of the second switch, wherein:

the power supply controller performs such control that in the case of ejecting the removable medium by controlling the information storage device so that the loading/ejection mechanism is operated, at the time of startup in the instant startup mode, the power supply controller stops power supply from the power supply device after the completion of the ejection operation,

that, if the removable medium does not exist in the information storage device, the power supply controller stops power supply from the power supply device, and

that, in the case of loading the removable medium by controlling the information storage device so that the loading/ejection mechanism is operated, the power supply controller does not stop power supply from the power supply device even after the completion of the loading operation.

5. (Canceled).

6. (Original) The information processing apparatus according to claim 4, wherein the control device performs such control as to identify the kind of data on the removable medium at the time of startup in the instant startup mode, perform reproduction or processing of the data if

the data is recorded in a predetermined format, and stop power supply by controlling the power supply device if no data is recorded in the predetermined format.

7. (Original) The information processing apparatus according to claim 4, wherein the control device performs such control as to identify the kind of data on the removable medium at the time of startup in the instant startup mode, perform reproduction or processing of the data if the data is recorded in a predetermined format, and restart in the normal mode if no data is recorded in the predetermined format.

8. (Previously Presented) The information processing apparatus according to claim 4, wherein the data in the predetermined format is data compliant with a moving picture/audio data standard such as DVD-Video, Video CD and CD Audio.

9. (Previously Presented) The information processing apparatus according to claim 1, wherein the loading/ejection mechanism for the removable medium ejects the removable medium when operated by depressing a first switch provided on an outer portion of the information storage device, and

wherein the loading/ejection mechanism for the removable medium loads the removable medium when operated by changing a depressed state of a second switch provided on an inner portion of the information storage device by insertion of the removable medium, whereby readout of data from the removable medium and/or recording of data on the removable medium is enabled.

10. (Original) The information processing apparatus according to claim 9, further comprising a logic holding device which holds the logical state of the first switch when depression of the first switch is detected during stoppage of power supply from the power supply device to the information storage device, and which cancels the held logical state when the loading/ejection mechanism for the removable medium is operated to load or eject the removable medium, wherein the loading/ejection mechanism for the removable medium performs the loading or ejection operation according to an output from the logic holding device and the logic of the second switch.

11. (Original) The information processing apparatus according to claim 9, wherein the power supply controller controls the power supply device so that if the second switch is set in the original state as result of the change in the depressed state of the second switch when power is supplied to the information storage device according to the change in the depressed state of the second switch, the power supply device stops supplying power to the information storage device or to the information storage device and the control device to which power has been supplied, without operating the loading/ejection mechanism for the removable medium.

12. (Previously Presented) The information processing apparatus according to claim 4, wherein the loading/ejection mechanism for the removable medium ejects the removable medium when operated by depressing a first switch provided on an outer portion of the information storage device, and

wherein the loading/ejection mechanism for the removable medium loads the removable medium when operated by changing a depressed state of a second switch provided on an inner portion of the information storage device by insertion of the removable medium, whereby readout of data from the removable medium and/or recording of data on the removable medium is enabled.

13. (Currently Amended) The information processing apparatus according to claim 12, further comprising a logic holding device which holds the logical state of the first switch when depression of the first switch is detected during stoppage of power supply from the power supply device to the information storage device, and which cancels the held logical state when the loading/ejection mechanism for the removable medium is operated to load or eject the removable medium wherein the loading/ejection ~~loading/election~~ mechanism for the removable medium performs the loading or ejection ~~election~~ operation according to an output from the logic holding device and the logic of the second switch.

14. (Previously Presented) The information processing apparatus according to claim 12, wherein the power supply controller controls the power supply device so that if the second switch is set in the original state as result of the change in the depressed state of the second switch when power is supplied to the information storage device according to the change in the depressed state of the second switch, the power supply device stops supplying power to the information storage device or to the information storage device and the control device to which

power has been supplied without operating the loading/ejection mechanism for the removable medium.

15-26. (Canceled).

27. (Currently Amended) A power supply control method for an information processing apparatus having an information storage device in which a loading/ejection mechanism for a removable medium is operated according to a change in a depressed state of a switch;

a control device which records data on the removable medium and/or reads out data from the removable medium by controlling the information storage device;

a power supply device capable of performing and stopping power supply to the information storage device and to the control device; and

a continuous power supply device capable of supplying power when power supply by the power supply device is stopped, the method comprising, when the depressed state of the switch is changed during stoppage of power supply from the power supply device to the information storage device, controlling the information storage device so that the removable medium loading/ejection mechanism is operated, by controlling, by means of a power supply controller which operates by being supplied with power from the continuous power supply device, the power supply device so that the power supply device supplies power to the information storage device or to the information storage device and the control device, wherein:

the power supply controller performs such control that in the case of ejecting the removable medium by controlling the information storage device so that the loading/ejection

mechanism is operated, the power supply controller stops power supply from the power supply device after the completion of the ejection operation, and

that, in the case of loading the removable medium by controlling the information storage device so that the loading/ejection mechanism is operated, the power supply controller does not stop power supply from the power supply device even after the completion of the loading operation.

28. (Canceled).

29. (Currently Amended) The power supply control method for the information processing apparatus according to claim 27 ~~28~~, wherein the power supply controller performs such control that when the removable medium is ejected upon the change in the depressed state of the switch during stoppage of power supply to the information storage device, the power supply controller controls the power supply device to supply power to the information storage device,

that, when the removable medium is loaded upon the change in the depressed state of the switch during stoppage of power supply to the information storage device, the power supply controller controls the power supply device to supply power to the information storage device and to the control device,

that, in the case of ejecting the removable medium, the power supply controller controls the power supply device to stop power supply to the information storage device after the completion of the ejection operation, and

that, in the case of loading the removable medium, the power supply controller does not stop power supply from the power supply device even after the completion of loading.

30. (Currently Amended) A power supply control method for an information processing apparatus having an information storage device in which a loading/ejection mechanism for a removable medium is operated according to a change in a depressed state of a first switch;

a control device which records data on the removable medium and/or reads out data from the removable medium by controlling the information storage device;

a power supply device capable of performing and stopping power supply to the information storage device and to the control device;

a power switch with which start-stop control of power supply by the power supply device is performed;

a continuous power supply device capable of supplying power when power supply by the power supply device is stopped, and

a power supply controller which operates by being supplied with power from the continuous power supply device, the method comprising:

in the case of staring power supply from the power supply device by control with the power switch, starting up the control device in a normal startup mode in which general-purpose processing can be performed by a user program executed on an OS;

when the depressed state of a second switch provided on an outer portion or an inner portion of the information storage device ~~the switch~~ is changed during stoppage of power supply from the power supply device to the information storage device, controlling by the power supply

controller the power supply device so that the power supply device supplies power to the information storage device or to the information storage device and the control device, and starting up the control device in an instant startup mode for reproducing or processing data in a predetermined format recorded on the removable medium; and

controlling the information storage device under a command from the power supply controller so that the removable medium loading/ejection mechanism is operated according to the depressed state of the second switch, wherein:

the power supply controller performs such control that in the case of ejecting the removable medium by controlling the information storage device so that the loading/ejection mechanism is operated, at the time of startup in the instant startup mode, the power supply controller stops power supply from the power supply device after the completion of the ejection operation,

that, if the removable medium does not exist in the information storage device, the power supply controller stops power supply from the power supply device, and

that, in the case of loading the removable medium by controlling the information storage device so that the loading/ejection mechanism is operated, the power supply controller continues power supply from the power supply device even after the completion of the loading operation.

31. (Canceled).

32. (Previously Presented) The power supply control method for the information processing apparatus according to claim 30, wherein the control device controls the information

storage device to identify the kind of data on the removable medium at the time of startup in the instant startup mode, perform reproduction or processing of the data if the data is recorded in a predetermined format, and stop power supply by controlling the power supply device if no data is recorded in the predetermined format.

33. (Previously Presented) The power supply control method for the information processing apparatus according to claim 30, wherein the control device controls the information storage device to identify the kind of data on the removable medium at the time of startup in the instant startup mode, perform reproduction or processing of the data if the data is recorded in a predetermined format, and restart in the normal mode if no data is recorded in the predetermined format.

34. (Previously Presented) The power supply control method for the information processing apparatus according to claim 30, wherein the data in the predetermined format is data compliant with a moving picture/audio data standard such as DVD-Video, Video CD and CD Audio.

35. (Previously Presented) The power supply control method for the information processing apparatus according to claim 27, wherein

the loading/ejection mechanism for the removable medium ejects the removable medium when operated by depressing a first switch provided on an outer portion of the information storage device, and

the loading/ejection mechanism for the removable medium loads the removable medium when operated by changing a depressed state of a second switch provided on an inner portion of the information storage device by insertion of the removable medium.

36. (Previously Presented) The power supply control method for the information processing apparatus according to claim 35, wherein

a logical state of the first switch is held when depression of the first switch is detected during stoppage of power supply from the power supply device to the information storage device, and the held logical state is canceled when the loading/ejection mechanism for the removable medium is operated to load or elect the removable medium, and

the loading/ejection mechanism for the removable medium is made to perform the loading or ejection operation according to the logical state and the logic of the second switch.

37. (Previously Presented) The power supply control method for the information processing apparatus according to claim 35, wherein the power supply controller controls the power supply device so that when the second switch is set in the original state as a result of the change in the depressed state of the second switch when power is supplied to the information storage device according to the change in the depressed state of the second switch, the power supply device stops supplying power to the information storage device or to the information storage device and the control device to which power has been supplied, without operating the loading/ejection mechanism for the removable medium.

38. (Previously Presented) The power supply control method for the information processing apparatus according to claim 30, wherein

the loading/ejection mechanism for the removable medium ejects the removable medium when operated by depressing a first switch provided on an outer portion of the information storage device, and

the loading/ejection mechanism for the removable medium loads the removable medium when operated by changing a depressed state of a second switch provided on an inner portion of the information storage device by insertion of the removable medium.

39. (Currently Amended) The power supply control method for the information processing apparatus according to claim 38, wherein

a logical state of the first switch is held when depression of the first switch is detected during stoppage of power supply from the power supply device to the information storage device, and the held logical state is canceled when the loading/ejection mechanism for the removable medium is operated to load or eject the removable medium, and

the loading/ejection ~~loading/election~~ mechanism for the removable medium is made to perform the loading or ejection operation according to the logical state and the logic of the second switch.

40. (Previously Presented) The power supply control method for the information processing apparatus according to claim 38, wherein the power supply controller controls the power supply device so that when the second switch is set in the original state as a result of the

change in the depressed state of the second switch when power is supplied to the information storage device according to the change in the depressed state of the second switch, the power supply device stops supplying power to the information storage device or to the information storage device and the control device to which power has been supplied, without operating the loading/ejection mechanism for the removable medium.

Claims 41-52 (Cancelled).

53. (Currently Amended) An information storage device in which a loading/ejection mechanism for a removable medium is operated according to a change in a depressed state of a switch, wherein

the information storage device is controlled by a control device so as to record data on the removable medium and/or read out data from the removable medium,

the information storage device is connected to a power supply device capable of performing and stopping power supply to the information storage device and to the control device,

the information storage device comprises a power supply controller which operates by being supplied with power from a continuous power supply device capable of supplying power when power supply by the power supply device is stopped, and which, when the depressed state of the switch is changed during stoppage of power supply from the power supply device to the information storage device, controls the information storage device so that the removable medium loading/ejection mechanism is operated, by controlling the power supply device so that

the power supply device supplies power to the information storage device or to the information storage device and the control device, wherein:

the power supply controller performs such control that in the case of ejecting the removable medium by controlling the information storage device so that the loading/ejection mechanism is operated, the power supply controller stops power supply from the power supply device after the completion of the ejection operation, and

that, in the case of loading the removable medium by controlling the information storage device so that the loading/ejection mechanism is operated, the power supply controller does not stop power supply from the power supply device even after the completion of the loading operation.

54. (Canceled).

55. (Currently Amended) The information storage device according to claim 53 ~~54~~, wherein the power supply controller performs such control that

when the removable medium is ejected upon the change in the depressed state of the switch during stoppage of power supply to the information storage device, the power supply controller controls the power supply device to supply power to the information storage device,

when the removable medium is loaded upon the change in the depressed state of the switch during stoppage of power supply to the information storage device, the power supply controller controls the power supply device to supply power to the information storage device and to the control device,

when the removable medium is ejected, the power supply controller controls the power supply device to stop power supply to the information storage device after the completion of the ejection operation, and

when the removable medium is loaded, the power supply controller does not stop power supply from the power supply device even after the completion of the loading operation.

56. (Currently Amended) An information storage device in which a loading/ejection mechanism for a removable medium is operated according to a change in a depressed state of a first switch, comprising:

a control device for controlling the information storage device so as to record data on the removable medium and/or read out data from the removable medium,

a power supply device connected to the information storage device and being capable of performing and stopping power supply to the information storage device and to the control device, and

a power switch for starting and stopping power supply by the power supply device,

the power switch starting up the control device in a normal startup mode in which general-purpose processing can be performed by a user program executed on an OS upon start of power supply, wherein

the information storage device further comprises a power supply controller which operates by being supplied with power from a continuous power supply device capable of supplying power even when power supply by the power supply device is stopped, and which, when the depressed state of a second switch provided on an outer portion or an inner portion of

the information storage device is changed during stoppage of power supply from the power supply device to the information storage device, controls the power supply device so that the power supply device supplies power to the information storage device or to the information storage device and the control device, thereafter starts up the control device in an instant startup mode for reproducing or processing data in a predetermined format recorded on the removable medium, and controls the information storage device so that the removable medium loading/ejection mechanism is operated according to the change in the depressed state of the second switch, wherein:

the power supply controller performs such control, at the time of startup in the instant startup mode, that

when the removable medium is ejected by controlling the information storage device so that the loading/ejection mechanism is operated, the power supply controller stops power supply from the power supply device after the completion of the ejection operation,

when the removable medium does not exist in the information storage device, the power supply controller stops power supply from the power supply device, and

when the removable medium is loaded by controlling the information storage device so that the loading/ejection mechanism is operated, the power supply controller does not stop power supply from the power supply device even after the completion of the loading operation.

57. (Canceled).

58. (Previously Presented) The information storage device according to claim 56, wherein the power supply controller performs such control as to identify the kind of data on the removable medium at the time of startup in the instant startup mode, to perform reproduction or processing of the data when the data is recorded in a predetermined format, and to stop power supply by controlling the power supply device when no data is recorded in the predetermined format.

59. (Currently Amended) The information storage device according to claim 56 ~~38~~, wherein the power supply controller performs such control as to identify the kind of data on the removable medium at the time of startup in the instant startup mode, to perform reproduction or processing of the data when the data is recorded in a predetermined format, and to restart in the normal startup mode when no data is recorded in the predetermined format.

60. (Previously Presented) The information storage device according to claims 56, wherein the data in the predetermined format is data compliant with a moving picture/audio data standard such as DVD-Video, Video CD and CD Audio.

61. (Previously Presented) The information storage device according to claim 53, wherein

the loading/ejection mechanism for the removable medium ejects the removable medium when operated by depressing a first switch provided on an outer portion of the information storage device, and

the loading/ejection mechanism for the removable medium loads the removable medium when operated by changing a depressed state of a second switch provided on an inner portion of the information storage device by insertion of the removable medium, whereby readout of data from the removable medium and/or recording of data on the removable medium is enabled.

62. (Previously Presented) The information storage device according to claim 61, further comprising a logic holding device which holds the logical state of the first switch when depression of the first switch is detected during stoppage of power supply from the power supply device to the information storage device, and which cancels the held logical state when the loading/ejection mechanism for the removable medium is operated to load or eject the removable medium, wherein the loading/ejection mechanism for the removable medium performs the loading or ejection operation according to an output from the logic holding device and the logic of the second switch.

63. (Previously Presented) The information storage device according to claim 61, wherein the power supply controller controls the power supply device so that when the second switch is set in the original state as a result of the change in the depressed state of the second switch when power is supplied to the information storage device according to the change in the depressed state of the second switch, the power supply device stops supplying power to the information storage device or to the information storage device and the control device to which power has been supplied, without operating the loading/ejection mechanism for the removable medium.

64. (Previously Presented) The information storage device according to claim 56, wherein

the loading/ejection mechanism for the removable medium ejects the removable medium when operated by depressing a first switch provided on an outer portion of the information storage device, and

the loading/ejection mechanism for the removable medium loads the removable medium when operated by changing a depressed state of a second switch provided on an inner portion of the information storage device by insertion of the removable medium, whereby readout of data from the removable medium and/or recording of data on the removable medium is enabled.

65. (Previously Presented) The information storage device according to claim 64, further comprising a logic holding device which holds the logical state of the first switch when depression of the first switch is detected during stoppage of power supply from the power supply device to the information storage device, and which cancels the held logical state when the loading/ejection mechanism for the removable medium is operated to load or eject the removable medium, wherein the loading/ejection mechanism for the removable medium performs the loading or ejection operation according to an output from the logic holding device and the logic of the second switch.

66. (Previously Presented) The information storage device according to claim 64, wherein the power supply controller controls the power supply device so that when the second

switch is set in the original state as a result of the change in the depressed state of the second switch when power is supplied to the information storage device according to the change in the depressed state of the second switch, the power supply device stops supplying power to the information storage device or to the information storage device and the control device to which power has been supplied, without operating the loading/ejection mechanism for the removable medium.

67-78. (Canceled).